		Recei	ving Rep	ort		
D	ate: 14/01/	27	Batcl	n No: <u>M</u>	28064	
S	upplier: Tuyou	SRNH	Dart	P/O: _ <i>2</i>	2692	
Packing Slip: Invoice: Receipt:	Yes No Yes No Cash Cr	W SI	elease Note A /aybill Attache hipment Com C6 Inspection /ork Order	ed: Yebelete: Ye	es No es No es No	
Discrepancies Part Number	Description	antity	Quantity Received	Quantity Returned	Quantity Short	Comments
	125 645 00		-		, i	
				7	7	
	4	Initials	of receiver (	(if shipment	OK) Level	12/
Production/Ac Date Received/Cos Initial	19/0/1207				Locati	on

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D

Purchase Order Receipt Listing

Tuesday, January 28, 2014 2:11:33 PM

All amounts are calculated in domestic currency.

All Vendors PO ID po22692 All Receipt Dates All Line Item Types All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name PO22692 1	ndor Name		VC-COP001 Thy:	Thyssenkrupp Materials CA Ltd 163 sf	1/24/2014	1/27/2014	336.0000	\$2.24	0.0000	0	\$752.44
CAD	No		6061-T6 .063 Sheet m128054	set sf	336.0000	DESJ02		\$752.44	0.0000	0	
	2		M6061T6S.032	sf	1/24/2014	1/27/2014	336.0000	\$1.22	0.0000	0	\$411.34
	No		6061-T6 Sheet 0.032" sf m128054	032" sf	336.0000	DESJ02		\$411.34	0.0000	0	
	8		M6061T6B1.500X10. f 000	)X10. f	1/24/2014	1/27/2014	36.0000	\$32.35	0.0000	0	\$1,164.50
	No		6061-T6 Bar 1.500"X10.000" m128054	4-1	36.0000	DESJ02		\$1,164.50	00000	0	
	4		M6061T6B0.750X01. f 000	)X01. f	1/24/2014	1/27/2014	12.0000	\$2.35	0.0000	0	\$28.21
	N <sub>o</sub>		6061-T6 Bar .750 x 1.00 m128054	0 x f	12.0000	DESJ02		\$28.21	0.000	0	
	v		M6061T6B2.000X08. f	0X08. f	1/24/2014	1/27/2014	12.0000	\$33.64	0.0000	0	\$403.72
	o N		6061-T6 BAR 2.00' X 8.00" m128054	.00' f	12.0000	DESJ02		\$403.72	0.0000	0	
	9		M6061T6B2.500X01. f 500	0X01. f	1/24/2014	1/27/2014	24.0000	87.89	0.0000	0	\$189.36
	No		6061-T6 Bar 2.50 x 1.50 m128054	50 x f	24.0000	) DESJ02		\$189.36	0.0000	0	
	7		M6061T6R0.375	75 f	1/24/2014	1/27/2014	24.0000	\$1.18	0.0000	0	\$28.21
	No		6061-T6 Round Bar .375" m128054	Bar f	24.0000	0 DESJ02		\$28.21	0.0000	0	

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Book Amt	\$251.88	\$780.28 992.0000 0.0000 \$4,009.92 0.0000
MRB Qty/ MRB Reject Qty	0 0	0 0 0 N/M): uantity: t Value: uantity:
Inspected Qty/ Rejected Qty (PO U/M)	0.0000	3.90 0.0000 0.28 0.0000  Total Received Quantity: Total Qty to Inspect (PO U/M): Total Reject Quantity: Total Receipt Value: Total Balance Due Quantity:
Cost Per Unit/ Recv Value	\$20.99	\$3.90 \$780.28 Total
Recv Qty (PO U/M)	12.0000	200,0000
Recv Date/ Recv Emp	1/24/2014 1/27/2014 12.0000 DESJ02	1/24/2014 1/27/2014 200.0000 DESJ02
Required Date Required Qty		1/24/2014 1, 200.0000
PO U/M / Stock U/M	yssenkrupp Materials CA Ltd ) f 0 f	sf 063 sf
Project ID Reference/ Description/ Cert Std	VC-COP001 Thyssenkrupp Materials M6061T6R3.500 f 6061 RD bar 3.50 f m128054	M304S16GA 304/316 Sheet .063 m128054
Line   Nbr/ Insp	dor Name 8 No	6 N
Purchase Order ID/ Curr Type	VendorID\Vendor Name PO22692 8 CAD No	

BILL OF Ship From: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 905-738-9033

Ship To: (1)DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7

Tel: 613-632-9577 Fax: 613-632-1053

LADING No: PEC 859916 Ship Date 23Jan14 at 9:51 From PFW Probill Via TRANSFER VIM FOB CONCORD Frt PREPAID Route 0- 0 Manifest Vhcle
Slp STAN IVERS (905-532-1350)
Sold To: (20115) Trailer 1270 ABERDEEN ST

HAWKESBURY, ON K6A 1K7

BILL OF LADING

1) Our Order PEC-643850- 1 Your PO # 22692

ALUMINUM FLT BAR ECONOPLT 6061-T6511

1.500" X 10.00" X 144.0000" Heat Number Tag No Quantity 201400488 255228 36 FT Wt LBS 2) Our Order PEG-643850- 2 Your PO # 22692 ALUMINUM FLAT BAR 6061-T6511 .750" x 1.00" X 144.0000" Heat Number Tag No 201324442 255229 Quantity 12 FT . \_ \_ \_ \_ \_ \_ -3) Our Order PEC-643850- 3 Your PO # 22692 ALUMINUM FLAT BAR 6061-T6511 2.00" X 8.00" X 144.0000" Heat Number Tag No Z00052052 255230 Quantity 12 FT 4) Our Order PEC-643850- 4 Your PO # 22692 ALUMINUM FLAT BAR 6061-T6511 1.50" x 2.50" X 144.0000" Heat Number PCS Tag No Quantity 106 200635019 255231 24 FT 5) Our Order PEC-643850- 5 Your PO # 22692 ALUMINUM ROUND BAR 6061-T6511 .375" DIA X/144.0000" Quantity MTPCSS 24 FT 2 Wt LBS Tag No 255232 Heat Number 163810-5/ Page: 1 .... Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT. MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

BILL OF LADING
No: PEC 859916
Ship Date 23Jan14 at 9:51 From PFW Probill THYSSENKRUPP MATERIALS NA Via TRANSFER VIM
FOB CONCORD
Frt PREPAID
Route 0- 0 Manifest 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 905-738-9033 Trailer Vhcle Slp STAN IVERS (905-532-1350) Sold To: (20115)

DART AEROSPACE

Ship To: DART AEROSPACE ( 1)

Ship From:

\_\_\_\_\_\_\_ BILL OF LADING

6) Our Order PEC-643850- 6 Your PO # 22692 ALUMINUM ROUND BAR 6061-T6511 3.50" DIA X 144,0000"

\_\_\_\_\_

Heat Number Tag No 163856-11 255233 Wt LBS 136 Quantity PCS 12 FT 1

7) Our Order PEC-643850- 7 Your PO # 22692

STAINLESS STEEL SHEET 304-2B .0600 Nom X 48.0000" X 120.0000"

Heat Number Tag No Quantity PCS 0501495 254962 200.00 SFT 5

Wt LBS 501 Tags PCS 7 15 LBS 1622 TOTAL:

\*\*\* Chemical Analysis \*\*\* Heat Number

163810-5 163856-11 201324442 201400488 Z00052052 Z00635019

ADD ON TO 643846 VIM SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA

\*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*

\*\* REFERENCED ON IT \*\*

Page: 2 ....Continued

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT. ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT. MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

BILL OF LADING No: PEC 859916 Ship Date 23Jan14 at 9:51 From PFW Probill THYSSENKRUPP MATERIALS NA TRANSFER VIM Via 2821 LANGSTAFF ROAD CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 905-738-9033 CONCORD FOB Frt PREPAID Route 0- 0 Manifest Vhcle Trailer STAN IVERS (905-532-1350) Slp Sold To: (20115)

DART AEROSPACE

Ship To: (1)DART AEROSPACE

Ship From:

\_\_\_\_\_\_ BILL OF LADING

TOTAL 1 BDL 1 SKID GW. 1718 LBS

\*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA \*\*\* 9:00 AM TO 4:00 PM \*\*\* CONCORD, ONT.\* \*\*\*\* TEL. 800-926-2600 \*\*\*\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* WE STOCK STAINLESS STEEL PLEASE LET US QUOTE YOUR NEXT REQUIREMENT \*\*\*\*\*\*\*\*\*\*\*\*\*\* \*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE ADDED TO EVERY ORDER. \*\*\*

Page: 3 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT. ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT. MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

No: OF LADING VIM 417758 BILL Ship Date 23Jan14 at 17:59 From VFW Ship From: Probill THYSSENKRUPP MATERIAUX NA Via VIM DELIVERY 4700 BOIS FRANC FOB CONCORD ST. LAURENT, QC H4S 1A7 Frt PREPAID Tel: 514-337-0161 Fax: 514-745-2968 0- 0 Manifest Route Trailer Vhcle STAN IVERS (905-532-1350) Slp Sold To: ( 20115) Ship To: DART AEROSPACE DART AEROSPACE 1270 ABERDEEN ST 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7 Tel: 613-632-9577 Fax: 613-632-1053 HAWKESBURY, ON K6A 1K7 B I/L L O F L A D I N G

1) Our Order PEC-643846- 1 Your PO # 22692 ALUMINUM SHEET 6061 T6 .0640 Nom X 48.0000"/X 144.0000" Quantity PCS Net Wt Gr LBS 336.00 SFT 7 287 522 Heat Number Tag No 248643 1CRATE REC 469651 / PCS Net Wt Gr LBS Tags 287 TOTAL: \*\*\* Chemical Analysis \*\*\* Heat Number 469651 /44/01/27 MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING. ATTN: CHANTAL/LINDA \*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\* \*\* REFERENCED ON IT \*\* \*\*\*UNE SURCHARGE D'ENERGIE DE \$25.00 SERA AJOUTEE A CHAQUE COMMANDE.\*\*\* \*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE ADDED TO EVERY ORDER.\*\*\* \*\*\* POUR VOS BESOINS D'ACIER INOXYDABLE, \*CONTACTEZ-NOUS. NOUS L'AVONS! TEL. 800-926-2600\* \*\*\* FOR ALL YOUR STAINLESS STEEL NEEDS, CALL US.
\*\*\* WE HAVE IT! \*\*\* TEL. 800-926-2600 \*\*\* 1 .... Last Page:

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT. MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

REÇU EN BONNE CONDITIONS / RECEIVED IN GOOD CONDITION

101/27

DATE

No: PEC 859970 LADING BILL OF Ship Date 24Jan14 at 13:32 From PFW Ship From: Probill THYSSENKRUPP MATERIALS NA VIM TRANSFER Via 2821 LANGSTAFF ROAD CONCORD FOB CONCORD, ONTARIO L4K 5C6 PREPAID Tel: 905 669 9444 Fax: 905-738-9033 Frt 0- 0 Manifest Route Trailer Vhcle STAN IVERS (905-532-1350) Slp Sold To: (20115) DART AEROSPACE 1270 ABERDEEN ST Ship To: DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K6A 1K7 HAWKESBURY, ON K6A 1K7 Tel: 613-632-9577 Fax: 613-632-1053

BILL OF LADING 1) Our Order PEC-643872- 1 Your PO # 22692 ALUMINUM SHEET 6061 T6 .0320 Nom X 48,0000" X 144.0000" Wt LBS Quantity Taq No Heat Number 336.00 SFT 152 255430 652154A6 LBS Tags 152 TOTAL:

ADD ON TO 643846 VIM SUR-CHARGE ADDED

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR TO SHIPPING.

ATTN: CHANTAL/LINDA \*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER \*\*

\*\* REFERENCED ON IT \*\* TOTAL 1 SKID GW. 332 LBS

\*\*\*PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE

Page: 1 ....Continued

crate R-131 MB

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY

RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT. MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE

THYSSENKRUPP MATERIALS NA

2821 LANGSTAFF ROAD

Ship From:

CONCORD, ONTARIO L4K 5C6 Tel: 905 669 9444 Fax: 905-738-9033

(1) Ship To: DART AEROSPACE

BILL OF LADING No: PEC 859970 Ship Date 24Jan14 at 13:32 From PFW

Probill

VIM TRANSFER Via

CONCORD FOB

PREPAID Frt

Route 0- 0 Manifest Trailer Vhcle

Slp STAN IVERS (905-532-1350) Sold To: (20115)

DART AEROSPACE

\_\_\_\_\_\_\_ BILL OF LADING

ADDED TO EVERY ORDER. \*\*\*

Page: 2 .... Last

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÊTRE RAPPORTÉES IMMÉDIATEMENT.

ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.

MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER.

DATE

# DART AEROSPACE THYSSENKRUPP MATERIALS NA

ALUMINUM FLT BAR ECONOPLT 6061-T6511 1.500" X 10.00" X 144.0000"

PO/Rel 22692

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-859916-001

Pg 1/1 23Jan14



ThyssenKrupp Materials NA

ThyssenKrupp Materials NA, Toronto

Quantity Certified

1,058 lbs

5pcs

CUSTOMER PART NUMBER

PL0744

PL 1.500 x 10.000

DESCRIPTION

6061-T6511E

David Schroeder

AMS-QQA-200/8 - 1997

SPECIFICATION

PEC-254847

# Service Center Metals

Prince George, VA 23875 5850 Quality Way

# CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER

Ċ

MANIFEST NUMBER CUSTOMER PO DIE NUMBER ALLOY / TEMPER PL0744 SALESPERSON DATE OF SHIPMENT 1/13/2014 CERTIFICATION ASTM-B221-13 StencilCont 194452

revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification SCM extrusions are manufactured in the USA.

mechanical Properties 201400488 Lot No. Test Date 50.20 Strength (KSI) min max min 46.70 rield Strength (KSI) 46.70 13.15 m m Elongation max 13.15

Cast Number	Chemical Com
Alloy	position for
<u> ਨ</u>	Aluminu
Fe	A mr
C	loy 606
Mn	
Mg	
lö	
<u>Zn</u>	
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₽	
Each	
Others <u>Total</u>	
Melt Source:	

Print Date: 1/13/2014

Calvin J. Wiggins. Director of Quality & Technical Services.

1013201

6061

0.74

0.37

0.33

0.11

0.88

0.11

0.07

0.02

97.37

0.05

0.15

United States of America

MATERIAL:	6061 T6B1.5+10.0/	m128054.	
RECEIVED BY:			
DATE:	JAn 274, 2014		
<u>P/O#</u>	22692	MATERIAL CERT RECEIVE	D yes
QUANTITY ORDERED:	36.01	<b>QUANTITY RECEIVED:</b>	torolder STA 3 pcs 260
THICKNESS ORDERED:	10.0 + 1.50	THICKNESS RECEIVED:	10.000 x 1.511
SHEET SIZE:	200ED, etc.	SHEET SIZE RECEIVED:	ACHTICIA CONTRACTOR CO

DESCRIPTION	(Ch	CR eck (N)	COMMENTS
SURFACE DAMAGE	Y	N	
INCORRECT FINISH	Y	M	3 IBUTCAZ OMTOBIEM POH 28UH CONTE.
CORROSION	Υ		
INCORRECT GRAIN DIRECTION	Y	N	1 - VERIFY TO EART SUPPLIED DRAYING
INCORRECT MATERIAL	Y	N	2- SAMPLE INSPECT MATERIAL IN BUNDLE TO ENSURE MATERIAL
INCORRECT THICKNESS	Y	(1)	THO CRANGRAL YERRY RETERT COMMISSIVE CHATGON (MAISU - L
PHOTO REQUIRED	Y	D	A - VERBY TRAY MATERIAL CRITS MATCH TO WHAT'S CALLERY DRY
CORRECT MATERIAL	8	N	Ams-QQA-200/8
CORRECT REF # TO LINK CERT	8	N	201400488
CORRECT MATERIAL IDENTFICATION	(1)	N	606176B1.50x 10.0"
CORRECT M# ON THE MATERIAL	(1)	N	M128054
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N	

CUT SAMPLE PIECE OF MAT		PREFORM A F	HARDNESS (	CHECK.	man s
TYPE OF MATERIAL	HRC	HRB GeGITG	DUR A	DUR D	1
SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	epinera en en	10.42.0 c15		any mandred to a con-	14/01/2

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: 16	BY:
DATE: 9-89 (West 7 %)	DATE:
DATE. PARTE	

# DART AEROSPACE THYSSENKRUPP MATERIALS NA

150" x 1.00" X 144.0000"

PO/Rel 22692

Signed by:

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

CERTIFIED INSPECTION REPORT AND TEST RESULTS

FOR EXTRUDED PRODUCTS

Certificate of Mill Test Results BL PEC-859916-002

Pg 1/1 23Jan14



BILL TO

ThyssenKrupp Materials NA

ThyssenKrupp Materials NA, Toronto

Quantity Certified

254 lbs

24 pcs

RB0111

# Service Center Metals

Prince George, VA 23875 5850 Quality Way

MANIFEST NUMBER

DIE NUMBER

RB0111

209700

CUSTOMER PART NUMBER CUSTOMER PO PEC-253791

description, and that samples representative of the material met the composition limits and had the mechanical properties shown. SCM extrusions are manufactured in the USA. revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification

DESCRIPTION 6061-T6511

SCRB .750x1.000

ALLOY / TEMPER

SALESPERSON

David Schroeder

DATE OF SHIPMENT 12/3/2013

SPECIFICATION

ASTM-B221-13 StencilCont

CERTIFICATION

OUR ORDER NUMBER

ITEM

191268

AMS-QQA-200/8 - 1997

also meet the requirements of 6061-T6 Items produced and certified as 6061-T6511

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	uminum Alloy 606
	uminum Alloy 6061
	uminum Alloy 6061
	Chemical Composition for Aluminum Alloy 6061
	uminum Alloy 6061
	uminum Alloy 6061
SASSESSED TO SELECTION OF A SECURITION OF A SE	uminum Alloy 6061
	uminum Alloy 6061

112435	Cast Number
6061	Alloy
0.74	<u> N</u>
0.35	Fe
0.32	5
0.10	Mn
0.89	Mg
0.09	<u> C</u>
0.07	Zn
0.02	H
97.42	<u>P</u>
0.05	Others <u>Each</u> Total
0.15	Others Total
United States of America	Melt Source:

Calvin J. Widgins. Director of Quality & Technical Services THE PERM

Print Date: 12/3/2013

MATERIAL:	6061763.5x1.001/n	N150054	
RECEIVED BY:			
DATE:	SAN 27,2014		
P/O#	22692.	MATERIAL CERT RECEIVED	<u>yes</u>
QUANTITY ORDERED:	12.01	<b>QUANTITY RECEIVED:</b>	0998-0750
THICKNESS ORDERED:	0.750 +1.00	THICKNESS RECEIVED:	0.998 x 0.752.
SHEET SIZE:	ote, CSCOS	SHEET SIZE RECEIVED:	3- VERITORIO

DESCRIPTION		CR eck (N)	COMMENTS
SURFACE DAMAGE	Υ	(N)	
INCORRECT FINISH	Y	N	整理自己的对象。如此任义性性心的"产"以下,心理以及"人"和"以"(D)
CORROSION	Υ	N	
INCORRECT GRAIN DIRECTION	Υ	N	F. VERBY TO DART SUPPLIED DRAWING
INCORRECT MATERIAL	Υ	N	2- SAMAN E NISPECT MATERIAL IN BUNDLE TO ENSURE MATERIAL
INCORRECT THICKNESS	Υ	N	THO PERMOPEN PARENTES TESTES PERMEY PARPARES OF T
PHOTO REQUIRED	Υ	N	6 VERIEV THAT MATERIAL CHRIB MATCH TO WHATS CALLEDY BY
CORRECT MATERIAL	8	N	AMS-QQA-200/8.
CORRECT REF # TO LINK CERT	Y	N	201324442
CORRECT MATERIAL IDENTFICATION	(Y)	N	6061 T6 B. 750 K1.00.
CORRECT M# ON THE MATERIAL	Y	N	m128054
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	0	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ		

CUT SAMPLE PIECE OF MAT	ERIAL AND	PREFORM A	HARDNESS C	HECK.	
		TS BELOW			ana C
TILLO	HRC	HRB	DUR A	DUR D	0 80 6
TYPE OF MATERIAL		CHER MURISH A		STATE STATES A STATE OF	
					78.
SIZE OF TEST SAMPLE	representation of	5840B			14/4
HARDNESS / DUROMETER READING	69 (2)	JOHRIS	Programme Language Control of the		1 1141

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	BY:
DATE 14/21/22	DATE:
DATE 14/3/1 C.	

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

ALUMINUM FLAT BAR 6061-T6511 2.00" X 8.00" X 144.0000" PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

### **Certificate of Mill Test Results**

BL PEC-859916-003

Pg 1/1

Signed by:\_\_\_





# **CERTIFIED TEST REPORT**

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE

CUSTOMER PO NUMBER:	CUSTOMER PART NUMBER:	PRODUCT DESCRIPTI	PRODUCT DESCRIPTION:				
PEC-254212-1	ALREC00124	2.000 X 8.000 PI	2.000 X 8.000 PRECISION WIDE BAR				
KAISER ORDER NUMBER: LINE ITEM:	SHIP DATE:	KAISER LOT NUMBER	ALLOY:	TEMPER:			
656139 001	12/03/2013	Z00052052	6061	T6511B			
WEIGHT SHIPPED: QUANTITY:	B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:			
903.000 LB 4.000 PC	cs 607680			12.000 FT			
SHIP TO: THYSSENKRUPP MATERIA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CA		SOLD TO: THYSSENKRUP 2821 LANGSTAI CONCORD, ON	FF ROAD				

# Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARI	ONESS	CONDUCT.	BEND
200052052	0001	1	54.3	50.8	15.1	3F.	95	N/A	N/A

# Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum Minimum 103252	0.40	0.70 0.00 .29	0.15	0.00	0.80	0.04	0.00	0.15 0.00 .03	NA	AN AN 00.			0.15 0.00 .03

# Applicable Requirements:

PER ASTM-B221-13, STENCILED ASME-SB221 1998 SECT II PER AMS-QQ-A-200/8 (REAF 2012) UNS# A96061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS - 42.0 KSI MIN YIELD - 38.0 KSI MIN ELONGATION = 10.0% MIN

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Froducts, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Fargo, Quality & Technology Manager

Plant Serial: 00114889

Kaiser Order Number: 656139

Line Item: 001

Page 1 of 1

MATERIAL:	606/T6 B 2,0 + 80/N	1128054
RECEIVED BY:	Line Desgaron	
DATE:	3An 27th, 2014	ISTINUCTIONS FOR INSPECTING BAR,
<u>P/O#</u>	22692.	MATERIAL CERT RECEIVED (C)
QUANTITY ORDERED:	20-20 12.01	QUANTITY RECEIVED: 121 (190)
THICKNESS ORDERED:	2.0 + 8.00	THICKNESS RECEIVED: 8.00 × 1.999
SHEET SIZE:	ota GEGOR	SHEET SIZE RECEIVED:
ATTENDED	IN THE TEMPORAL SWANDS FOR STE	

DESCRIPTION		CR eck (N)	COMMENTS
SURFACE DAMAGE	Υ	N	
INCORRECT FINISH	Υ	N	A BRUTCHIS BRITOSPECTING BROTUBE &
CORROSION	Υ	(1)	
INCORRECT GRAIN DIRECTION	Υ	(N)	1 - VERIFY TO DART SUPPLIED BRASHING
INCORRECT MATERIAL	Υ	N	2 - CAMPLE DISPECT MATERIAL IN HUNDLE TO ENSURE MATERIAL.
INCORRECT THICKNESS	Υ	(1)	3 USBNS PORTABLE HARDNESS TESTER VERIEV HARDNESS OF THE
PHOTO REQUIRED	Υ	N	A- VERTEY THAT MATERIAL CERTS MATCH TO WHATS CALLED HIP
CORRECT MATERIAL	Y	N	AMS-QQ-A=200/E.
CORRECT REF # TO LINK CERT	Y	N	200052052
CORRECT MATERIAL IDENTFICATION	Q	N	A12805 6061 T6320 x 8.0
CORRECT M# ON THE MATERIAL	Ø	N	M128056
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N	500 500

CUT SAMPLE PIECE OF MAT	ERIAL AND		HARDNESS (	CHECK.	Sir - I
	HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL	NAME OF THE PARTY	STATE OF STATE AND A STATE		STEELEST LANGER	18
SIZE OF TEST SAMPLE	(2/7) A(2) 5.89/	er grovergavity avertical	and a sometimesta	ans recountry (12)	14/01/
HARDNESS / DUROMETER READING	19.00	63HRD	1980 1 200 1 CONT	EAST TOTAL	1 110/1

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	BY:
DATE: INTO 128	DATE:
DATE. 1910/128	

# THYSSENKRUPP MATERIALS NA

DART AEROSPACE

1.50" x 2.50" X 144.0000" PART NO.

ALUMINUM FLAT BAR 6061-T6511

Signed by:\_

furnished by the producer of the metal, or data resulting from tests made in approved labs.

**Certificate of Mill Test Results** 

BL PEC-859916-004

23Jan14

Pg 1/1

# KAISE ALUMINUI **FABRICATED PRODUCTS**

### CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com

KAISER ALUMINUM FABRICATED PRODUCTS, LLC 5205 KAISER DRIVE KALAMAZOO MI 49048

KALAMAZOO, MI 2	19040								
CUSTOMER PO NUMBER: CUSTOI		CUSTOMER	PART NUMBER:	PRODUCT DESCRIPTIO	h:				
PEC-254435-4 020398-		020398-4		1.500 X 2.500 SC	1.500 X 2.500 SC/RECT BAR				
KAISER ORDER NUMBER:	LINE ITEM:		SHIP DATE:	KAISER LOT NUMBER:	ALLOY:	TEMPER:			
656743	004		12/13/2013	Z00635019	6061	T6511			
WEIGHT SHIPPED:	QUANTITY:		B/L NUMBER:	DIAM/DAF/THKNS:	WIDTH:	LENGTH:			
529.000 LB	10.000 PG	cs	607776			12.000 FT			
SHIP TO:				SOLD TO:					
THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA			THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA						

# **Actual Physical Properties**

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARI	ONESS	CONDUCT.	BEND
200635019	0001	1	51.1	48.6	16.0	RE	93	N/A	N/A
Z00635019	0001	2	50.4	47.5	18.0	RE	93	N/A	N/A

# Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot	
Maximum Minimum 103271	0.40	0.00	0.15	C.00	0.80	0.04	0.00	0.15 0.00 .02	NA	NA	NA	0.05 0.00 .01	0.00	

ASTM-B221-13 STENCILED ASME-SB221 1998 SECT II AMS-QQ-A-200/8 97 (REAF 2012) UNS#A96061 (T6511 also conforms to T6-not applicable to other tempers)

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA MERCURY IS NOT A NORMAL BACKGROUND ELEMENT IN ALUMINUM ALLOYS. NEITHER MERCURY NOR ANY OF ITS COMPOUNDS ARE UTILITZED BY KAISER ALUMINUM IN THE MANUFACTURE OF THIS MATERIAL.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Fargo, Quality & Technology Manager

Plant Serial: 00116249

Kaiser Order Number: 656743

Line Item: 004

Page 1 of 1

MATERIAL:	606/TGB 2.50 K 1150	M12802A	
RECEIVED BY:			
DATE:	JAN 277, 7014		
P/O#	22692	MATERIAL CERT RECEIVE	D 3+1 Yes
QUANTITY ORDERED:	24.01	QUANTITY RECEIVED:	2-497 + 1:498 24 Q(2 pcs)
THICKNESS ORDERED:		THICKNESS RECEIVED:	2.497 +1.498
SHEET SIZE:	ate .GBCOR.	SHEET SIZE RECEIVED:	3- VERIEV — IDITION

DESCRIPTION		CR leck (N)	COMMENTS		
SURFACE DAMAGE	Y	N			
INCORRECT FINISH	Υ	N	E BEUTEINE OMITOPPENI XUN EMULUUNI DE		
CORROSION	Υ	W			
INCORRECT GRAIN DIRECTION	Υ	(N)	SNIMARE GENERALS LEVE CL. ASHAEN - U		
INCORRECT MATERIAL	Y	N	ZA BANDE HASPEOT MATERIAL IN SUBDICE TO ENGLISE MATERIAL		
INCORRECT THICKNESS	Y	(N)	IT BO SESICIPALLYBURY PETRAT SESINOMARY JEATHON SMILL HU		
PHOTO REQUIRED	Y	W	A VERTEY THAT MATERIAL CERTS MATCH TO VANATS CALLED HEL		
CORRECT MATERIAL	Q	N	AMS-QQ-A-200/8.		
CORRECT REF # TO LINK CERT	8	N	206635019		
CORRECT MATERIAL IDENTFICATION	(Y)	N	606176 B 2.70 x 1.70°		
CORRECT M# ON THE MATERIAL	(8)	N	M128654		
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(A)			
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(A)			

CUT SAMPLE PIECE OF MAT	ERIAL AND	PREFORM A	HARDNESS C	CHECK.	av -t
RECO	RD RESUL	TS BELOW		SALE PASSES OF STREET	70 A
T.Z.O	HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL	5 (80 (17 A (17 A	A COMPANIAMENT AND	and the second of the second	SPRIEST LAWS	- 6 -
SIZE OF TEST SAMPLE	0/31/07/167		town company and	and manufacture and	111/11
HARDNESS / DUROMETER READING	AND PROPERTY.	61 +12B	The second of the second of the second	CARDO OVERSES	19/01/

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	BY:
DATE: 14/01/25	DATE:
BITTE: THOTHER	

# 

ALUMINUM ROUND BAR 6061-T6511 .375" DIA X 144.0000" PART NO.

PO/Rel 22692

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results
BL PEC-859916-005 23Jan14

05 23Jan14 Pg 1/1

EXTRUZEX

ALUMINUM

TEL: (416)745-4444 FAX:(416)745-0925 1-800-668-7210
411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4
http://www.extrudex.com

Chemical Composition Mechanical Properties BILL TO THYSSENKRUPP MATERIALS, NA THYSSENKRUPP MATERIALS, NA MILL TEST ASTM B221-12 A.11 Lot Cast Number 2BV557 6061 YollA 6061 0.61 12: 173 TT3 Cert Code: Fe 0.17 CUSTOMER PO CUSTOMER PART NUMBER 0.21 PEC-253884 4-375 0.03 Nov/26/13 Test Date <u>Mg</u> 0.88 0.36 20.0 ALLOX PART DESCRIPTION DIE NUMBER Ultimate Tensile Strength (KSI) 6061 ഗ 00 |≥1 43.7 2333 **√1651**)1 TEMPER <u>Zn</u> 0.01 ∐ Yield Strength (KSI) DATE OF SHIPMENT FORBES DODWELL 0.00 38.9 11/28/2013 0.00 |< Percent Elongation 0.00 20.20 lω 0.00 Ľ CERTIFICATION 163810 — EXTRUDEX ORDER NO. 0.00 89.0, 88.5, 88.8 B Hardness MILL TEST ASTM B221-12 00 PB MADE IN CANADA 0.00 0.00 9.8 S 0.00 Remainder 0.02 8 Conductivity MANIFEST NO. ₽ 299198 Other

specifications. We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper

David Natale Quality Control Manager

1 - CUSTOMER COPY

Doc No. 173172

Indexed 29Nov13 by slssup1

MILL TEST ASTM B221-12

MATERIAL:	606/T6B. 375/M128	200	
RECEIVED BY:	Line DossAnden		
DATE:	SAN 27t, 2014	яль эмпречин эле,	
<u>P/O#</u>	22692	MATERIAL CERT RECEIVED	yes"
QUANTITY ORDERED:	24'	QUANTITY RECEIVED:	0.375 24.01 (ZPS)
THICKNESS ORDERED:	0.375	THICKNESS RECEIVED:	6.375
SHEET SIZE:	ata ditional	SHEET SIZE RECEIVED:	HOMES YERRAY -E

DESCRIPTION	(Ch	CR eck N)	COMMENTS
SURFACE DAMAGE	Υ	N	
INCORRECT FINISH	Y		A BENT COME OFFICE PLANT CHARLES
CORROSION	Υ		
INCORRECT GRAIN DIRECTION	Υ	(N)	VERTEY TO DARK SUPPLIED DRAWING
INCORRECT MATERIAL	Y	(N)	2- SAMPLE WORED MATERIAL IN SUNDLE TO EXSURE MATERIAL
INCORRECT THICKNESS	Y	(N)	2- UCHNO PORTABLE HARBNESS TEGTER VERIEY HARDNESS OF THE
PHOTO REQUIRED	Y		4 VERRY THAT MAJERIAL CERTS MATCH TO WHAT'S CALLED UP 2
CORRECT MATERIAL	(Y)	N	ASTM B 227-12
CORRECT REF # TO LINK CERT	(1)	N	039 1 6 38 10 75 MOOTE TELL 2 14 10 1911 MAGENTH 40
CORRECT MATERIAL IDENTFICATION	Y	N	6061 T6 B. 375
CORRECT M# ON THE MATERIAL	(4)	N	M128054
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N	

CUT	SAMPLE PIECE OF MAT	TERIAL AND I		HARDNESS (	CHECK.	BV -1
TVDE	DF MATERIAL	HRC	HRB	DUR A	DUR D	6
SIZE OF	TEST SAMPLE	OWNER AND A	e moment strett	en marke and	res management	14/01/29
HARDNESS / DU	JROMETER READING	OCHA	59HRB	Recognision to a contract	ARISTO DO DESTA	11.114

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	TAMOVISIOO OO EER BRAE IS RIJOITE BY: WAR OF
DATE: 014/01/28	DATE:

# DART AEROSPACE THYSSENKRUPP MATERIALS NA

3.50" DIA X 144.0000"

PO/Rel 22692

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results BL PEC-859916-006

23Jan14 Pg 1/1



411 CHRISLEA ROAD, WOODBRIDGE, ONTARIO, CANADA L4L 8N4 TEL: (416)745-4444 FAX:(416)745-0925 1-800-668-7210

THYSSENKRUPP MATERIALS, NA THYSSENKRUPP MATERIALS, NA MILL TEST ASTM B221-12 ■ ALUMINUY 1775 CUSTOMER PO Cert Code: CUSTOMER PART NUMBER PEC-253917 4-3500 0.36 ALLLOY PART DESCRIPTION 6061 Ś 6874 TEMPER 16511 DATE OF SHIPMENT FORBES DODWELL 12/5/2013 CERTIFICATION EXTRUDEX ORDER NO. 163856 - 11MILL TEST ASTM B221-12 MADE IN CANADA http://www.extrudex.com MANIFEST NO. 299612

3.5" DIA

BILL 70

**Chemical Composition** Mechanical Properties A.11 A. 11 Lot Cast Number 22830 6061 Alloy 6061 <u>Si</u> 0.19 Fe 0.195 0.059 5 M Dec/03/13 Test Date Mg 0.83 0.044 S Ultimate Tensile Strength (KSI) 0.00 Z 48.4 0.007 Ŋ .011 Yield Strength 0.0 (KSI) 46.2 000 ≤ Elongation Percent 0.00 11.10 0.00 2<u>I</u>Z 0.00 EE 92.0, 91.7, 91.9 Hardness 0.0 0.0 <u>Sn</u> 0. PI Co Al S Conductivity Other 0.00

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

Quality Control Manager David Natale

1 - CUSTOMER COPY

Doc No. 173582

Indexed 6Dec13 by slssup1

MILL TEST ASTM B221-12

MATERIAL:	6061 TOB 3.56/MI	18054	
RECEIVED BY:	Line Degran		
DATE:	3An 27T1, 2014		
P/O#	22692	MATERIAL CERT RECEIVED	400
QUANTITY ORDERED:	12.01	QUANTITY RECEIVED:	12.01
THICKNESS ORDERED:	3.501	THICKNESS RECEIVED:	6 3.50"
SHEET SIZE:	ota GROSS	SHEET SIZE RECEIVED:	SOLVICO YERRIV -E

DESCRIPTION		CR eck (N)	COMMENTS
SURFACE DAMAGE	Υ	(M	
INCORRECT FINISH	Υ	N	S SENT CHE FOR INSPECTANT SHOT URLES
CORROSION	Υ	N	
INCORRECT GRAIN DIRECTION	Υ	D	I - VERIEY TO DART SUPPLIED DRAWING
INCORRECT MATERIAL	Υ	N	Z - SAMPLE WISPECT MATERIAL IN SUNDLE TO ENSURE MATERIAL
INCORRECT THICKNESS	Y	D	J - USING PORTABLE HAPOWERS TESTED VERIEV HARDNESS OF T
PHOTO REQUIRED	Y	W	A CERT THAT MATERIAL CERTS MATCH TO MAKE CALLED IN
CORRECT MATERIAL	8	N	ASTM RZZI
CORRECT REF # TO LINK CERT	(2)	N	163856 - 1 (1018 1841 1840 1841 1840 1841
CORRECT MATERIAL IDENTFICATION	Ø	N	606/T6 B 3-501 Miss STERRAGE A COMMANDE
CORRECT M# ON THE MATERIAL	(4)	N	W128084
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	8	

CUT SAMPLE PIECE OF MAT	ERIAL AND		HARDNESS (	CHECK.	EW -f
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	5
SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	-06/34A 7 4.37 40/38A	66:571RB		and more than the second	14/01/2

testers located in the Quality Office

ENGINEERING SIGNOFF (if required)
BY: MAKE
DATE:

# DART AEROSPACE THYSSENKRUPP MATERIALS NA

STAINLESS STEEL SHEET 304-2B .0600 Nom X 48.0000" X 120.0000"

PO/Rel 22692

Signed by:

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-859916-007

Pg 1/1 23Jan14



(COPY/COPIA:02)

TEST REPORT (CERTIFICADO)

CUSTOMER (CLIENTE)

MEXINOX USA

CODE PART NUMBER CUSTOMER PURCHASE ORDER No. DE PEDIDO 5572 - 2 PACKAGE (EMPAQUE)
No. B0708911 00 REPORT (CERTIFICADO) DATE (FECHA) ö MAY-04-11 FQ0007

PRODUCTIDENTIFICATION YPE AND FINISH

UNIS \$30400 CHEMICAL COMPOSITION 48,00 X COIL 1219:20 X ROCLO DIMENSIONES .0598 1.520 GROSS WT. PESO BRUTO 18,007 8,168 PESO NETO Ko NET WT. 17,906 8,122

MECHANICAL PROPERTIES
PROPIEDADES MECANICAS

TEM

.0270 O

18.0400 Ω

1.7100 š

.0640

8.0300

0310

.0010

,3200 S

z

Z

U

co

COMPOSICION QUIMICA (%)

OTHER ELEMENTS (OTROS ELEMENTOS)

N E

COIL No. No. DE ROLLO 699965 AEAA

PIECES

0501495

_	No.
A891596 A891595	No. No. MUESTRA
г	0
91373 psi 630 MPa	TENSILE S.
39595 psi 273 MPa	YIELD S.
59.4	YIELD S. ELONGATION %
(HEAD / TAIL) 81.0 / 81.0	% HARDNESS DUREZA HRB

THIS MATERIAL IS DYARS 225.872-1 CLAUSS COMPLIANT. HEAT SOURCE: ITALY
TEST OF INTERGRANGIAE CORROSION / PRUBAN DE CORROSION INTERGRANGIAE, 8 OX
THIS MATERIAL COMPLIES WITH CHMICAL COMPOSITION ACCORDING TO ASTE A 240/A 240M-10b STD. NOM,
THE MECHANICAL AND CHEMICAL PROPERTIES ESTRALISHED IN THE FOLLOWING SIDE::
MECHANICAL AND CHEMICAL PROPERTIES ESTRALISHED IN THE FOLLOWING SIDE::
MECHANICAL AND CHEMICAL PROPERTIES ESTRALISHED IN THE FOLLOWING SIDE:: AND IT COMPLIES ALSO WITH

THIS MATERIAL COMPLIES WITH THE CHEMICAL COMPOSITION OF 304 / 304L

"THIS MATERIAL IS PREE OF MERCURY CONTAMINATION"

MUNICIPALITY OF STREET

HECHO EN MEXICO / MADE IN MEXICO

We hereby certify that in recognition of the terms and conditions set forth in the EU Roles Directive - 2002/95/EC, we can insure that all of our products and processes fully comply with it.

ELABORATED BY Ricardo Rénteria Rénteria

PRINTED: 13:15:27 JUL-18-11

FORMATO No. 38 - 021 - 92 Rev. 2

	. /		
MATERIAL:	304-2B 0.060 pm/260	054	
RECEIVED BY:	Lin Dasgroom		
DATE:	SAN 27th, 2014		
<u>P/O#</u>	22692	MATERIAL CERT RECEIVED	425
QUANTITY ORDERED:	2005gf	QUANTITY RECEIVED:	200 (gt (5PW)
THICKNESS ORDERED:	0.062 (llega)	THICKNESS RECEIVED:	0.061
SHEET SIZE:	4' x 10' ala (13009)	SHEET SIZE RECEIVED:	9+10 sheet
	All the second of the second o		

	100000000000000000000000000000000000000		
DESCRIPTION	,	CR eck N)	COMMENTS
SURFACE DAMAGE	Υ	N	
INCORRECT FINISH	Y	N	THEORY OWN AND SHOULD SHOULD BE THE
CORROSION	Υ	(1)	
INCORRECT GRAIN DIRECTION	Υ	N	1- VERIEV TO DART SUPERIED DRAWING
INCORRECT MATERIAL	Υ	N	2- SAMPLE REPORT MATERIAL IN BLANDLE TO ENSURE MATERIAL
INCORRECT THICKNESS	Υ	D	T TO BESTRONAL YOUR WESTER SERVICE HARDNESS OF T
PHOTO REQUIRED	Υ	N	HE VERIEV THAT MATERIAL CERTS MATCH TO WHATS CALLED BRY
CORRECT MATERIAL	Y	N	ASTM AZYON TO THE REAL PROPERTY AND THE REAL
CORRECT REF # TO LINK CERT	Y	N	050/495
CORRECT MATERIAL IDENTFICATION	(1)	N	M30450.662
CORRECT M# ON THE MATERIAL	(Y)	N	M128084
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(N)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	(A)	

CUT SAMPLE PIECE OF MAT		PREFORM A H	IARDNESS (	CHECK.	EV -f
TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	5
SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	CONTRACTOR CONTRACTOR	6444			18/a/2

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	BY:
DATE: 14/01/28	DATE:
DATE 1916/1 CO	

PART NO

Attn: Signed by:

9362172896

CERTIFIED INSPECTION REPORT

Veb hereby certify that the nutricula conversity this contribute has been inspected with, and the bean branch to make the exprised plant requirement depended the production and the strengths and the strengths and the strengths requirement depended the compared on limits and had the mechanical properties chown on the five of this absent. 1569545 Ship Date 2013-07-05

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

RIVERDALE, IA

This test rupori shall not be reproduted except in full, without the written approval of the Coulty Department, he alteration, audition or ordiny change is authorized to be made to the centricate. The according of take, inclinate, or colorivite limitalient statements or entires on this certificate by any recipient may be purished as a faterny under applicable liev.

Per:

Red Works

Rob Woodall Davenpost Works

Contract of the same

P.O. No./Govt Contract No. 5400174046

Customer Alcoa Item

00000 Invoice No.

1000494146-1 Alcoa No. Hen Ship From:

DP-94146-1 .

CEB

G041118775R02

B.L. No. 8077588

Outlin Assurance Thom

Page 1 of 3

Ship To: COPPER & BRASS SALES INC 905 CARLOW DRIVE UNIT D BOLINGBROOK 60490 IL

Item Description
0.053.1N TK (+0.0000 -.0035) X 48.0 IN W (+.125 1.25) X 144.0 IN IN (+.15625 - .15625; (N) %/T 6061T6 FLAY SHEET FOR DISTRIBUTORS TOLERANGE
CUDANNYESD ALFLRO3640. AMG4027 HEV N EXC WRK
ASTMB209 REV 10 (HARKED) KRD-FT PAPER.
INTERLEAVED WAX GROSS SXID WCT: 4000 LB
15 \*\*\* N/E 13-07-06 \*\*\*

14/0/18

15348

375

SAU2- IV

536176 536176 536182 536185 536186

NOCES FOR COR: 022987.2

NOCES FOR COR: 022987.2

PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-CO-A-250\_11 OKIGINAL REVISIO N DATES 1997-08-01.

Tup: 0229807, 2 -Specification Limits SIS TYS PCT PCT

Long Transv. Min 42.0 35.0 10

# THYSSENKRUPP MATERIALS NA

PART NO

PO/Rel

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

Certificate of Mill Test Results

BL PEC-417758-001

Pg 2/3

Cast Number H3843012 Lot: 477146 16 Tmpr CERTIFIED INSPECTION REPORT Te Alluy 6061 Lot: 469651 Chemical Composition CQR: 0229887.2 -Specification Limits (cont.) -----This Let report shall not be reproduced except in Adi, without his written approval of the Graphy Department. No silentilion, addition or other change is submortand to be mode to this certificate. The recording of issue, for this when its addern't salarments or entries as that codificate by any resident array be pucked as a febrary under applicable law.

Per. With broady outfly first lite material contends y this continues has been imported with, and we should not investible applied also required to the description and of the standbut applied by requirements of processing and the standbut representatives on the continues of the cont Rob Woodall
Director of Manufacturing Davaryand Works Road Libration Dir Long Transv. Dir Long Transv. Chemical - OES ST FE CU .... Actuals 0.63 0.5 0.25 0.07 1.0 0.17 0.03 .... 6 - Mechanical, Physical, Metallography, Quantometer Results .... 125 End Try Try End Prest KBI KBI FCT S1 44.2 12.9 51 44.2 12.9 51.5 44.8 12.5 51.2 44.4 12.8 51.2 44.4 12.7 51.3 44.6 12.5 51.3 44.6 12.5 ### 2013-07

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### 2 Alcoa Inc. 1569545 Ship Date B.L. No. DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722 C&B Customer Alcas Item 00000 Invoice No. G041118775R02 1000494146-1 Alcoa No. Item Ship From: RIVERDALE, IA. DP-94146-1

# THYSSENKRUPP MATERIALS NA

PART NO.

PO/Rel

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Attn: Signed by:

Certificate of Mill Test Results

BL PEC-417758-001

Pg 3/3

CERTIFIED INSPECTION REPORT

We hareby early full the meterial centered by this centered has been inspected with, and has been found to meet the applicable requirement described clean, including any purplishables for sering a park by Muturalpiquam and bettered representative of the meterial beautiful mind the composition finds and had the metalliable properties shown on the fixe of this stock. Alcoa Inc. 1569545 Ship Date 2013-07-05 8077588

this test report shall not be reproduced except in the without the written approval of the Quality Department. No silendion, addition or other change is authorized to be made to the confictor. The recording of fisher, inclines, or otherwise treatment scharments or militer on this confiders by any noticent may be plushed as a blany under applicable law. Per:

Rad charles

Director of Manufacturing Davement Works

Lot: 477146 Cast Number H9166011

一種

Consider Assurance Manager

5400174046 C&B G041118775R02

P.O. No./Govt Contract No.

Customer Alcca Ttem

00000 Invoice No.

1000494146-1 Alcon No. Item Ship From:

DP-94146-1 .

B.L. No.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

RIVERDALE, IA

Page 3 of 3

This material was melted in the United States or a Qualifying Country [REF DFARS 225.872.1(a)]; it was manufactured in the United States

MATERIAL:	M6061765.063/M1280	420	
RECEIVED BY:	Line Dosgarder		
DATE:	JAn 27th 2014		REMOTRICITIONS
P/O#	22692	MATERIAL CERT RECEIVED	* No Yes (Jon 28th, 2014)
QUANTITY ORDERED:	336561	QUANTITY RECEIVED:	33657 (7 PCS)
THICKNESS ORDERED:	5 0.063	THICKNESS RECEIVED:	5000
SHEET SIZE:	.ais.103038	SHEET SIZE RECEIVED:	4+12

DESCRIPTION	(Ch	CR eck (N)	COMMENTS
SURFACE DAMAGE	Υ	N	
INCORRECT FINISH	Υ	N	A BELITCHE BUILDERSIA NOT SECTION OF
CORROSION	Υ	N	
INCORRECT GRAIN DIRECTION	Υ	(1)	1 - VERIFY TO DART SURRUSO BRAMING
INCORRECT MATERIAL	Υ	N	2 - SEMPLE INSPECT MATERIAL IN BUBLETO BUSINE MATERIAL
INCORRECT THICKNESS	Y	N	T TO PROPERTY AND THE HARDWESS TESTER VEHICL MARRING OF THE
PHOTO REQUIRED	Y	N	4- VERREY THAT MATERIAL PERRES MATCH TO IMMATE CALLED INFE
CORRECT MATERIAL	Y	N	AMS-QQ-A-250/11
CORRECT REF # TO LINK CERT	(A)	N	48 +696S)
CORRECT MATERIAL IDENTFICATION	8	N	M606176 5.063
CORRECT M# ON THE MATERIAL	8	N	M128054
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	(1)	
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	a	

Γ	CUT SAMPLE PIECE OF MAT		PREFORM A	HARDNESS C	HECK.	BV 1
r	TYPE OF MATERIAL	HRC	HRB	DUR A	DUR D	5
	SIZE OF TEST SAMPLE	20 TO 10 TO			And the Property of the African	14/01/28
	HARDNESS / DUROMETER READING	200	SOHRIB	Maria Company	and the control of	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	BY:
DATE: 14/01/28	DATE:

MATERIAL:	M6061 T65.037 M 12805	4	
RECEIVED BY:	Line Desymper		
DATE:	Jm 27t, 2014		
<u>P/O#</u>	22692	MATERIAL CERT RECEIVED	
QUANTITY ORDERED:	336. Sf2	<b>QUANTITY RECEIVED:</b>	7 PG @ 336.0 SP
THICKNESS ORDERED:	0.03211	THICKNESS RECEIVED:	6.632
SHEET SIZE:	ato GHODES. etc.	SHEET SIZE RECEIVED:	4 ~ 12'

DESCRIPTION		CR eck (N)	COMMENTS		
SURFACE DAMAGE	Υ	N)	The second secon		
INCORRECT FINISH	Υ	N			
CORROSION	Υ	N			
INCORRECT GRAIN DIRECTION	Υ	N	CHIPY TO SHAT SUPPLIED DRAWING		
INCORRECT MATERIAL	Υ	Ŋ	2- SAMPLE INSPECT MATERIAL IN BURGLE TO ENSURE MATERIAL		
INCORRECT THICKNESS	Υ	N	THE PORTAGINAL PRINCIPLE HANDINGS TESTER VANGE OF THE STATE OF THE STA		
PHOTO REQUIRED	Υ	D	GENERAL MATERIAL CERTS MATCH TO WHAT'S CALLED UP		
CORRECT MATERIAL	A	N	HOMOSPER RESEAR LERENTAN RETTA		
CORRECT REF # TO LINK CERT	Υ	N	652154A6		
CORRECT MATERIAL IDENTFICATION	Υ	N	· M 606/1765.032 9 00000 11 2000 11 10 10 10 10 10 10 10 10 10 10 10		
CORRECT M# ON THE MATERIAL	Υ	N	M128054		
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Υ	Ŵ			
DOES THIS REQUIRE AN EXTRUSION REPORT	Υ	N			

Γ	CUT SAMPLE PIECE OF MAT		PREFORM A	HARDNESS (	CHECK.	BA -t
r		HRC	HRB	DUR A	DUR D	3.41 (-8.
	TYPE OF MATERIAL SIZE OF TEST SAMPLE	613 April 1997 A 1987		en er mæretenna.	SAN EXPERIENCE	14/01/25
	HARDNESS / DUROMETER READING		SYNEB	term of the contract of	4.8.295 (92.55532)	1110110

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY:	BY: AMARIA
DATE: 14/01/25	DATE:





# **CERTIFIED TEST REPORT**

http://Online.KaiserAluminum.com

Kaiser Aluminum Trentwood Works Spokane, WA 99215-5108 (800) 367-2586

(000) 007 2000				THE PARTY OF THE PARTY	NUMBER.	Tpp	ODUCT DESCRIPTION:	
CUSTOMER PO NUMBER:		WORK PACKAGE	:	CUSTOMER PART	NUMBER:	1	ODOO! BEGOIM FIGH	
5400198100-10			ALFLR01643		Н	HT Flat Sheet		
KAISER ORDER NUMBER:	LINE ITEM	· Is	SHIP DA	TE:	ALLOY:		CLAD:	TEMPER:
1160927	1		10/28	/2013 (	6061		BARE	Т6
	QUANTITY	': E	3/L NUN	MBER:	GAUGE:		WIDTH:	LENGTH:
	660 PC	S EST.	20446	887	0.0320 IN		48.000 IN	144.000 IN
SHIP TO:			SOLD TO:					
COPPER & BRASS SALES 905 CARLOW DRIVE					COPPER & BRASS SALES ATTN: ACCOUNTS PAYABLE P.O. Box 5116 SOUTHFIELD, MI 48086 US			

MHU 1720932: LOT 652154A6: 175 pieces MHU 1720985: LOT 652154A6: 175 pieces MHU 1725918: LOT 652058A9: 175 pieces MHU 1726016: LOT 652058A9: 135 pieces

# Certified Specifications

Test Results:

AMS 4027/RevN ASME SB 209/Rev2010 ASTM B 209/Rev10

Test Code: 1511 LOT: 652058A9 CAST: 021 DROP: 55 INGOT: 2

Melted in USA (ASTM E8/B557)

Tensile: Temper Dir/#Tests Ultimate KSI (MPA) Yield KSI (MPA) Elongation %

LT / 02 (Min:Max) 46.6 : 47.4 40.3 : 40.7 (321 : 327) (278 : 281)

11.4:12.3

4/01/27.

(ASTM E1251)

Chemistry: SI FE CU MN MG CR ZN TI V ZR Actual 0.75 0.5 0.32 0.06 1.1 0.19 0.09 0.02 0.01 0.00 TOT

LOT: 652154A6 CAST: 021 DROP: 40 INGOT: 1

Melted in USA (ASTM E8/B557)

(EN 2002-1)

Tensile: Temper

Т6

LT / 02 (Min:Max) 48.2 : 48.7 40.4 : 41.6 12.3 : 13.1

(332 : 336)

(279 : 287)

Dir/#Tests Ultimate KSI (MPA) Yield KSI (MPA) Elongation %

OTHER

(ASTM E1251)

Chemistry: SI FE CU MN MG CR ZN TI V ZR OTHER Actual 0.74 0.5 0.33 0.06 1.1 0.19 0.08 0.02 0.01 0.00 TOT 0.05

Plant Serial: 4313803

Kaiser Order Number: 1160927 Line Item: 1

Page 1 of 2

From: ThyssenKrupp Materials NA

Cust. THYSSENKRUPP MATERIALS NA - ECAD Del.: 2402923669

CstAr

CstOr 255241

Wqt.: 151.732 LB

Date 01/21/2014

John Jambeth





# **CERTIFIED TEST REPORT**

http://Online.KaiserAluminum.com

Kaiser Aluminum Trentwood Works Spokane, WA 99215-5108 (800) 367-2586

Chemistry: 6061

OTHER ZNZR CR MG CU MN SI FE0.04 0.00 0.00 0.00 0.00 MAX 0.05 MIN 0.40 0.0 0.15 0.00 0.8 0.15 0.05 0.05 TOT 0.15 1.2 0.35 0.25 0.8 0.7 0.40 0.15 MAX

Aluminum Remainder

### Miscellaneous Notes

6061 sheet or plate certified to AMS 4025, AMS 4026, or AMS 4027 also meets applicable requirements of AMS-QQ-A-250/11, Rev. A.

### CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser) hereby certifies that metal shipped under this order was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for comestic content. This material has United States of America, and meets the requirements of DFARS 252.225 for comestic content. This material has United States of tested and found in conformance with the requirements of the applicable specifications as been indicated herein. For materialthicknesses outside specification limits, mechanical properties are as shown indicated composition meets specification requirements. All metal which is solution heat treated complies with AMS 2772. Any warranty is limited to that shown or Kaiser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full. complies with AMD ZIIZ. Any warrarty is limited to that shown or Malser's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of Kaiser Aluminum Fabricated Products, LLC laboratory. The recording of false, fictious or fraudulent statements or entries on the certificate may be punished as a felony underfederal law. ISO-9001:2000 certified.

JAMES HEMENWAY, LABORATORIES SUPERVISOR

Plant Serial: 4313803

Kaiser Order Number: 1160927 Line Item: 1

Page 2 of 2

From: ThyssenKrupp Materials NA

Del.: 2402923669 Cust. THYSSENKRUPP MATERIALS NA - ECAD

CstAr

CstOr 255241

Wqt.: 151.732 LB

Date 01/21/2014

John C. Jambeth

# WORKORDER:

2402923669

# COPPER AND BRASS SALES

# MATERIAL TYPE ALUMINIUM ALLOYS PRODUCT DESIGNATION

1100 1350 3003 3004 3105 5005 5083 5086 5182 5454 6061 6063

# "WARNING"

SMALL CHIPS, FINE TURNINGS AND DUST MAY IGNITE READILY. EXPLOSIONPOTENTIAL MAY BE PRESENT WHEN: DUST OR FINES ARE DISPERSED IN THE AIR; FINE, DUST OR MOLTEN ALUMINUMARE IN CONTACT WITH CERTAINMETAL OXIDES; OR, CHIPS, FINES, DUST OR MOLTEN ALUMINUM ARE IN CONTACT WITH WATER OR MOISTURE. KEEP AWAY FROM IGNITION SOURCE. USE EXPLOSION- PROOF VENTILATION. KEEP MATERIAL DRY.

INHALING LARGE AMOUNTS OF COPPER, MAGNESIUM OXIDE, MANGANESE OXIDE, AND ZINC OXIDE FUMES OR DUST MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS. CHRONIC OVEREXPOUSURE TO COPPER MAY CAUSE THICKENING OF THE SKIN; AND SKIN, TEETH, AND HAIR DISCOLORATION. CHRONIC OVEREXPOUSURE TO MANGANESE DUST CAN CAUSE CENTRAL NERVOUS SYSTEM DAMAGE, SCARRING OF THE LUNGS AND REPRODUCTIVE HARM IN MALES. TARGET ORGAN IS PRIMARILY THE LUNG, BUT REPEATED HIGH EXPOSURE CAN ALSO AFFECT THE LIVER.CHRONIC OVEREXPOSURE TO TIN DUST OR IRON OXIDE DUST/FUME MAY CAUSE LUNG SIDEROSIS.CHRONIC OVEREXPOUSURE TO SILICON DUST CAN CAUSE CHRONIC BRONCHITIS.

THIS PRODUCT ALSO CONTAINS LEAD AND CHROMIUM COMPOUNDS.LEAD IS KNOWN TO CAUSE REPRODUCTIVE TOXICITY AND IS A KNOWN CARCINOGEN.EXPOSURE TO CHROMIUM DUST OR FUME MAY CAUSE METAL FUME FEVER WITH FLU-LIKE SYMPTOMS AND KIDNEY AND KIDNEY AND LIVER DAMAGE.UNDER HIGH TEMPERATURES, HEXAVALENT CHROMIUM MAY BE PRODUCED, IF INTHE INSOLUBLE FORM,IT IS A CONFIRMED HUMAN CARCINOGEN. (CALIFORNIA PROPOSITION 65). IF COATED WITH OIL, MAY CAUSE SKIN IRRITATION/DERMATITIS BY CONTACT. WELDING FUME IS LISTED AS A POSSIBLE CARCINOGENIC TO HUMANS.READ THE ALUMINUM/ALUMINUM ALLOYS MATERIAL SAFETY DATA SHEET(MSDS) ON FILE WITH YOUR EMPLOYER BEFORE WORKING WITH THIS MATERIAL.

- \* If processing or recycling produces particulate, use exhaust ventilation or other controls designed to prevent exposure to workers. Examples of such activities include melting, welding, grinding, abrasive sawing, sanding and polishing. Any activity which abrades the surface of this material can generate airborne particulate. Use appropriate NIOSH approved respiratory protection (P95; P100 for lead with, quantitative fit testing required) if exposures exceed the
- permissible limits. \* The Occupational Safety and Health Administration (OSHA) have set mandatory limits on occupational exposures.
- \* Aluminum, in solid form and as contained in finished products presents no special health risk.
- \* Sold for manufacturing purposes only. This product can be recycled; contact your sales representative.

The Occupational Safety and Health Administration require employers to provide training in the proper use of this product.

For additional information, call or write to Copper and Brass Sales,22355 West Eleven Mile Road, Southfield, MI 48033,telephone248-233-5600, or visit our web site @ www.copperandbrass.com.

ALUMINUM LABEL NO.300-1088

ISSUED 10/01/2008



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

# **PURCHASE ORDER**

# Purchase Order ID PO22692

Purchase Order Date 1/20/2014 **PO Print Date** 1/20/2014

Page Number 1 of 4

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8 CA

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

**Contact Name** 

**Ship To Contact** 

**Ship To Phone** 

**Vendor Phone** 

905 669 9444

VENDOR'S TRUCK

Buyer

Chantal Lavoie

**Customer POID** Customer Tax #

10127-2607

Terms

Net 30 CAD

Currency **FOB** 

FCA - (Free Carrier)

Ship Via: **Ship Acct:** 

Mb8064

Line Nbr		Description/ Mfg ID	Req Date/ CD Taxable Promise Date	Req Qty/ Unit of Measure	PO Unit Price		Extended Price
	Delivery Comments		1 Tomise Date				
1	M6061T6S.063	6061-T6 .063 Sheet	1/24/2014 Yes	336.00 sf	1	\$2.38	\$800.30
			1/24/2014				
	MATERIAL: 6061-T6/T62 A AS PER QQ-A-250/11 OR A OR AMS 4025 OR AMS 402	MS-QQ-A-250/11					

M6061T6S.032

6061-T6 Sheet 0.032"

1/24/2014 Yes

1/24/2014

336.00 sf

\$1.30

\$437.50

\$800.30

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027 OR ASTM B209

Line Total:

Line Total:

\$437.50

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577 Fax: 613 632 1053

### **PURCHASE ORDER**

### Purchase Order ID PO22692

Purchase Order Date 1/20/2014 PO Print Date 1/20/2014

Page Number 2 of 4

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8 CA

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

Contact Name

**Vendor Phone** 

Buyer

Chantal Lavoie

905 669 9444

**Customer POID** Customer Tax #

10127-2607

Terms

Net 30

CAD

Ship To Phone Ship Via:

**Ship To Contact** 

VENDOR'S TRUCK

Currency FOB

FCA - (Free Carrier)

Ship Acct:

6061-T6 Bar

1/24/2014

36.00

\$34.40

\$1,238.57

M6061T6B1.500X10.000

1.500"X10.000"

Yes

1/24/2014

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-A/200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Line Total:

\$1,238.57

M6061T6B0.750X01.000

1/24/2014

12.00

\$2.50

6061-T6 Bar .750 x 1.00

1/24/2014

Yes

\$30.00

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116

OR QQ-A-200/8 OR AMS-A/200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Line Total:

\$30.00

Note:



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

### **PURCHASE ORDER**

### Purchase Order ID PO22692

Purchase Order Date 1/20/2014 PO Print Date 1/20/2014

Page Number 3 of 4

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8 CA

DART AEROSPACE LTD Ship To:

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

**Contact Name** 

**Vendor Phone** 

905 669 9444

**Buyer** 

Chantal Lavoie

**Customer POID** Customer Tax #

10127-2607

**Ship To Contact Ship To Phone** 

Terms Currency Net 30 CAD

Ship Via:

VENDOR'S TRUCK

**FOB** 

FCA - (Free Carrier)

**Ship Acct:** 

M6061T6B2.000X08.000

6061-T6 BAR 2.00' X 8.00"

1/24/2014

12.00

f

\$35.78

\$429.40

No

1/24/2014

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-A/200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Line Total:

\$429.40

M6061T6B2.500X01.500

6061-T6 Bar 2.50 x 1.50

1/24/2014

24.00 / 2

\$8.39

\$201.40

Yes

1/24/2014

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-A/200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

Line Total:

\$201.40

M6061T6R0.375

6061-T6 Round Bar .375"

1/24/2014

\$1.25

\$30.00

Note:

Yes

1/24/2014

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-2008 OPR AMS-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221

1/20/2014



Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 Tel: 613 632 9577

Fax: 613 632 1053

### PURCHASE ORDER

# Purchase Order ID PO22692

Purchase Order Date 1/20/2014 PO Print Date 1/20/2014

Page Number 4 of 4

Order From:

VC-COP001

THYSSENKRUPP MATERIALS CA LTD O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" TORONTO, ON M5W 5V8

DART AEROSPACE LTD Ship To: 1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

**CANADA** 

CA

**Contact Name** 

**Ship To Contact** 

**Ship To Phone** 

**Vendor Phone** 

905 669 9444

VENDOR'S TRUCK

Buyer

Chantal Lavoie

**Customer POID** Customer Tax #

10127-2607

Terms Currency Net 30 CAD

Ship Via: **Ship Acct:**  **FOB** 

FCA - (Free Carrier)

Line Total:

\$30.00

M6061T6R3.500

6061 RD bar 3.50

1/24/2014

0.00

\$0.00

\$0.00

Yes

1/24/2014

MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-2008 OPR AMS-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221  $\,$ 

M6061T6R3.500

1/24/2014

12.00

\$22.33

\$267.90

1/24/2014

Line Total:

\$267.90

M304S16GA

304/316 Sheet .063

1/24/2014

200.00

\$4.15

\$829.91

Yes 1/24/2014

NO

MATERIAL; AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240

Line Total:

\$829.91

PO Total:

\$4,264.98

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.

No substitution or deviation without consent. Certificate of Conformity or Material Certification required (YES PST# 6122-5207

Change Nbr:

**Change Date:** 

1/20/2014